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PTO/SB/05 (2/98)  
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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(h))

Attorney Docket No. 06192.0148.NPUS00

First Named Inventor or Application Identifier PARK

Title Thin Film Transistor Array Substrate For A Liquid Crystal  
Display Having Repair Lines

Express Mail Label No.

**APPLICATION ELEMENTS**

(MPEP chapter 600 concerning utility patent application contents)

Assistant Commissioner for Patents  
**ADDRESS TO:** Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form (Form PTO-1082)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 14 ]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 USC 113) [Total Sheets 4 ]
- Oath or Declaration [Total Pages ]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
(Note Box 5 below)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named  
in the prior application, see 37 CFR 1.63(d)(2) and  
1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy  
of the oath or declaration is supplied under Box 4b, is considered  
as being part of the disclosure of the accompanying application  
and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above  
copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Two)  
(should be specifically itemized)
14. ☐ \*Small Entity ☐ Statement filed in  
Statement(s) prior application,  
Status still proper  
and desired
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other:

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF  
ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

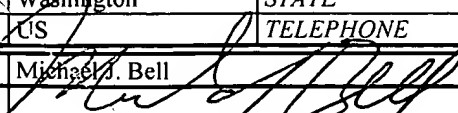
**17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /

Prior Application Information: Examiner: Group/Art Unit:

**18. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label 22930 or ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

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Name (Print/Type)	Michael J. Bell		Registration No. (Attorney/Agent)	39,604	
Signature			Date	August 11, 2000	

**HOWREY SIMON ARNOLD & WHITE, LLP**  
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**Washington, DC 20004-2402**  
**(202) 783-0800**

Attorney Docket No. 06192.0148.NPUS00

ASSISTANT COMMISSIONER FOR PATENTS  
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: **Woon-Yong PARK**

For: **THIN FILM TRANSISTOR ARRAY SUBSTRATE FOR A LIQUID CRYSTAL  
 DISPLAY HAVING REPAIR LINES**

Enclosed are:

- ☒ 4 sheets of drawings  
☒ A certified copy of a Korean Patent Application No. 99-33092.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	10-20 =	*
INDEP. CLAIMS	1-3 =	*
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		


\*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY	
RATE	FEE
	\$ 345.00
x 9 =	
x 39 =	
+ 130 =	
TOTAL	

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 690.00
x 18 =	
x 78 =	
+ 260 =	
TOTAL	\$690.00

Date

8/12/00

  
 Michael J. Bell  
 Registration No. 39,604

August 11, 2000

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A LIMITED LIABILITY PARTNERSHIP

**Box New Applications**

Assistant Commissioner for Patents  
Washington, DC 20231

Re: New Utility Non-Provisional U.S. Patent Application  
Application No. **TO BE ACCORDED** Filed **HEREWITH**  
Title: **THIN FILM TRANSISTOR ARRAY SUBSTRATE FOR A LIQUID  
CRYSTAL DISPLAY HAVING REPAIR LINES**  
Inventor: **Woon-Yong PARK**  
Our Ref: **06192.0148.NPUS00**

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. U.S. Utility Patent Application entitled:  
**THIN FILM TRANSISTOR ARRAY SUBSTRATE FOR A LIQUID CRYSTAL  
DISPLAY HAVING REPAIR LINES**  
and naming as inventor: **Woon-Yong PARK**  
the application consisting of:
  - a. A specification containing:
    - (i) 10 pages of description prior to the claims;
    - (ii) 3 pages of claims (**10** claims);
    - (iii) a **one** (1) page abstract;
  - b. 4 sheets of drawings: (**Figures 1, 2, 3 and 4**);
2. Form PTO-SB/05;
3. Form PTO 1082;
4. Certified copy of Korean Patent Application No. 99-33092 claiming priority to August 12, 1999; and
5. Two (2) return postcards

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

**This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration and without filing fee.**

Respectfully submitted,

Michael J. Bell  
Registration No. 39,604

Enclosures